

PTO/SB/01 (08-03) Approved for use through 07/31/2006. OMB 0651-0032

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	DECLARATION FOR UTILITY OR	Attorney Docket Number	42965-P041US
	DECEMBER	First Named Inventor	Inc Bal Singh Radual

Jas Pal Singh Badyal DESIGN COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) Application Number Filing Date Declaration Declaration September 23, 2004 OR Submitted Submitted after Initial Art Unit With Initial Filing (surcharge not yet assigned

Filing (37 CFR 1.16 (e)) required)		Examiner N	lame	not yet ass	signed			
I hereby declare that:								
Each inventor's residence, m	ailing address, a	and citizenship are	as stated b	elow next to t	their name.			
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
PREPARATION OF	SUPERABS	ORBENT MAT	ERIALS	BY PLAS	OM AM	DIFICAT	ION	
the specification of which		(Title of the	Invention)					
is attached hereto						•		
OR					,			
was filed on (MM/DD/	YYYY) Se	ptember 23, 2004] as Uni	ted States Ar	polication Nu	imher or Pí	CT International	
was filed off (MINDE)			as on	ieu States Ap	phoation No	iniber of F	or international .	
Application Number and was amended on (MM/DD/YYYY) (if applicable).						(if applicable).		
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.								
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application								
I hereby claim foreign priori	and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent,							
inventor's or plant breeder's country other than the United								
country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.								
Prior Foreign Application		Foreign Filing	Date	Prio	rity	Certified C	opy Attached?	
Num ()	Country	(M /DD/YY	<u>YY)</u>	Not		Yes	No I	
				Ŀ	_			
PCT/GB2003/001220	PCT	24 March 2004		<u> </u>	_			
0206932.6	GB	23 March 2002			<u> </u> 			
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.								

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/01 (06-03)

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	Custome	er Number		3167		OR	Corresp	oondence address below
Name								
Winstead Sechrest & Minick	P.C.	<u></u>						
Address								
P.O. Box 50784								
City				State				ZIP
Dallas				Texas				75201
Country		Telephor	ne			Fax		
us		214.745.5	5370			214.745.5390	כ	
and belief are believed to be statements and the like so made	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST IN	VENTOR:			etition	hae he	een filed for thi	e uneiar	ned inventor
Given Name	<u> </u>		<u> </u>	ennon		Family Name	s urisigi	led inventor
(first and middle [if any]) Jas [Pal Singh			or Surname BADYAL				
Inventor's Signature Jas Pad	Dodget				-			Date 24th May 200
Residence: City	State			Cour	ntry		Citizer	nship
Wolsingham	County <u>Durh</u>	am		GB	61	BYL	GB	
Mailing Address Redgate House, Wolsinghar	n					7		
City	State				ZIP			Country
County Durham					DL1	3 3HH		GB
NAME OF SECOND INVENTO	DR:				Ар	etition has bee	en filed f	for this unsigned inventor
Given Name				Family Name				
(first and middle [if any]) Way	ne Christophe	r Edward	<u> </u>		0	r Surname	SCHOF	IELD
Inventor's Signature	5	22	المن ج	2				Date 24-5-05
Residence: City	State			Cour	ntry	_	Citize	nship
Marlston-cum-Lache	Chester			GB	G	BX	GB _	
Mailing Address 23 Downsfield Road								
City	State				ZIP		Count	try
Marlston-cum-Lache	Chester				CH4	8HH	GB	
Additional inventors or a legal re	presentative are be	ing named o	on the	supplem	ental sh	eet(s) PTO/SB/02A	or 02LR	attached hereto.



20 JUN 20

Approved for use through 11/30/2005. OMB 0651-0035
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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	
Filing Date	September 23, 2004
First Named Inventor	Jas Pal Singh Badyal
Title	Preparation of Superabsorbent Modification
Art Unit	not yet assigned
Examiner Name	not yet assigned
Attorney Docket Number	42965-P041US

				· •			
I hereby appoint:	I hereby appoint:						
Practitioners at Customer Number: 43167							
OR							
Practitioner(s) named be	low:						
	Name			Registration Number			
as my/our attorney(s) or agent(Trademark Office connected the	s) to prosecute the application identified erewith.	above, and to tr	ansact all business in	the United States Patent and			
	correspondence address for the above	-identified applic	cation to:				
	·	icominos applic					
The above-mentioned	Customer Number:						
OR							
The address associat	ed with Customer Number:						
OR							
Firm or Individual Name	Winstead Sechrest & Minick P.C.						
Address	P.O. Box 50784						
Address		Ctctc	1-	7in 75004			
City	Dallas	State	Texas	Zip 75201			
Telephone	US 214.745.5400	Fax	214.745.5390	· · · · · · · · · · · · · · · · · · ·			
I <u>am</u> the:	[2 1 7 1 7 0 . 0 7 0 0		214.740.0000				
Applicant/Inventor.							
Assignee of record of	the entire interest. See 37 CFR 3.71.						
Statement under 37 C	FR 3.73(b) is enclosed. (Form PTO/SB/	96)					
	SIGNATURE of Applican	it or Assignee	of Record				
Name Jas Pal Singh Ba	dyal						
Signature Sa Pul Bada							
Date 24th Ma	2005		Telephone				
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							
*Total of2 forms are submitted.							

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/81 (06-03) Approved for use through 11/30/2005. OMB 0651-0035 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to res

POWER OF ATTORNEY CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	
Filing Date	September 23, 2004
First Named Inventor	Jas Pal Singh Badyal
Title	Preparation of Superabsorbent Modification
Art Unit	not yet assigned
Examiner Name	not yet assigned
Attorney Docket Number	42965-P041US

		_						
I hereby appoint:								
Practitioners at Customer Number:	43167							
OR								
Practitioner(s) named below:	Practitioner(s) named below:							
Name			Registration N	lumber				
				· · · · · · · · · · · · · · · · · · ·				
as my/our attorney(s) or agent(s) to prosect Trademark Office connected therewith.	ute the application identified	above, and to tr	ansact all business in	n the United States Patent and				
Please recognize or change the correspond	lence address for the above-	identified applic	ation to:					
The above-mentioned Customer I	Number:							
OR								
The address associated with Cus	tomer Number:							
OR	OR							
individual Name	Sechrest & Minick P.C.							
Address P.O. Box	50784							
Address								
City Dallas		State	Texas	^{Zip} 75201				
Country US		LEAV						
Telephone 214.745.	5400	Fax	214.745.5390					
l am the: Applicant/Inventor.								
Assignee of record of the entire in Statement under 37 CFR 3.73(b)		96)						
SIGNATURE of Applicant or Assignee of Record								
Name Wayne Christopher Edward	Schefield ,							
Signature Leg-	イス人の	2						
Date 24-5-65		Telephone						
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.								
*Total of2 forms are submitted.								

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



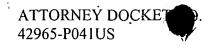
PTO/SB/96 (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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STATEMENT UNDER 37 CFR 3.73(b)							
Applicant/Patent Owner: Badyal, et al.							
Application No./Patent No.:Filed/Issue Date: September 23, 2004							
Entitled: Preparation of Superabsorbent Materials by Plasma Modification							
University of Durham , a University (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)							
states that it is: 1.							
2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is% in the patent application/patent identified above by virtue of either:							
A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.							
OR							
B. [/] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:							
1. From: Jas Pal Singh Badyal To: University of Durham							
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.							
2. From: Wayne Christopher Edward Schofield To: University of Durham							
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.							
3. From: To: The document was recorded in the United States Patent and Trademark Office at							
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.							
[] Additional documents in the chain of title are listed on a supplemental sheet.							
[v] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]							
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. 2 JUNE 2005							
Date Lyy - 191 - 3341011 Typed or printed name Cocc X							
Telephone number Signature							
TREASURER							
Title							

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandría, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandría, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



ASSIGNMENT

WHEREAS, the undersigned inventor(s), hereinafter called the "Assignor", has invented a new and useful invention entitled:

PREPARATION OF SUPERABSORBENT MATERIALS BY PLASMA MODIFICATION

	the United States filed herewith.	nt of
XX	_for which reference a full description is here made in an application for Letters Pate the United States Serial No filed <u>September 23, 2004</u> .	nt of

WHEREAS, UNIVERSITY OF DURHAM, A University having a principal office and place of business at Old Shire Hall, Old Elvet, Durham City, DH1 3HP, Great Britain. hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, and all Letters Patents that may issue for the said invention, and all divisions, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

FURTHER, be it known that the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and

Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignor has hereunto set his hands on the date indicated below.

JAS PAL SINGH BADYAL

I Pul Das

Dated: 24th May 2005

WAYNE CHRISTOPHER EDWARD SCHOFIELD

Dated: 24-5-05

Dallas_1 4036983v.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Badyal, et al.

Serial No:

Filing Date:

September 23, 2004

Group Art Unit:

Not yet assigned

Title:

appoints:

PREPARATION OF SUPERABSORBENT MATERIALS

BY PLASMA MODIFICATION

DESIGNATION OF DOMESTIC REPRESENTATIVE and APPOINTMENT OF POWER OF ATTORNEY

The University of Durham, assignee of the patent application identified above, hereby

Sanford E. Warren, Jr., Reg. No. 33,219

Kelly K. Kordzik, Reg. No. 36,571

Edward Mickelson, Reg. No. 50,413

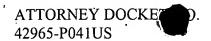
Edwin E. Richards, II, Reg. No. 53,514

R. Scott Rhoades, Reg. No. 44,300

Melissa Schwaller, Reg. No. 46,089

all of the firm of Winstead Sechrest & Minick, P.C., my attorneys with full power of substitution and revocation, to prosecute this registration, and to transact all business in the United States Patent and Trademark Office connected therewith, and as my Domestic Representative upon

Express Mail Label
No. EV 507 271 545 US



whom may be served notices or process in proceedings affecting this application, and to receive any and all papers, correspondence and notices relating thereto.

Please direct all correspondence to:

Sanford E. Warren, Esq.
WINSTEAD SECHREST & MINICK P.C.
P.O. Box 50784
Dallas, Texas 75250-0784
United States of America

and direct all telephone calls to Raymond D. Norton at 214.745.5737 and all facsimile communications to (214) 745-5390. Please refer to Attorney Docket No. 42965-P041US.

UNIVERSITY OF DURHAM

Ву: _

Printed:

15. P. LUBACZ

Title

TREASURER

Dallas 1 4036985v.1

Dated: 2 JUNE 2005